

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80736

Participation : CTR

Employer : Willis Tower Watson

Status : Affected

Worksite : Willis Tower Watson

Survey Type : Online

Street : 600 University Street Suite 3100

Response Rate : 61%

Jurisdiction : City of Seattle

Survey Date : 5/13/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 84.2%

Drive Alone Rate : 15.8%

One-Way VMT per employee : 2.3

Average One-Way distance home to work : 12.6

Employees and Survey Response Information

Reported Total Employees at Worksite: 156

Surveys Distributed : 153

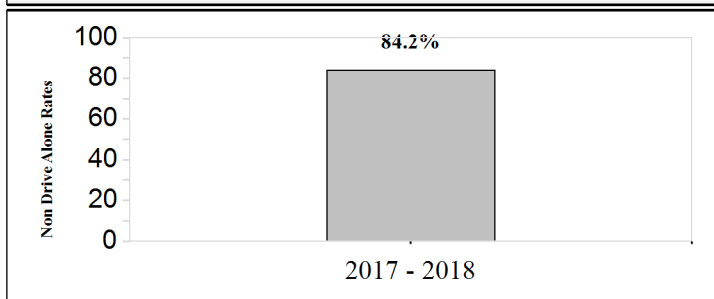
Surveys Returned : 93

Surveys Returned by CTR Affected* Employees : 88

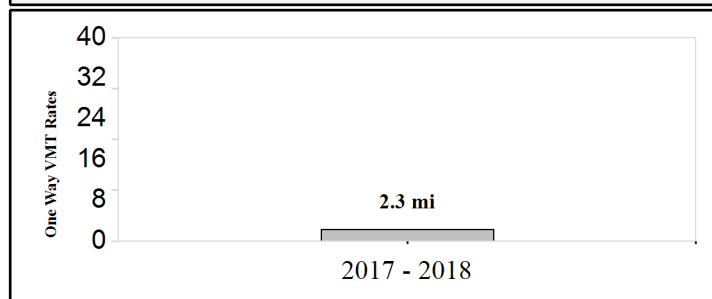
Total Estimated CTR Affected Employees at Worksite : 145

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

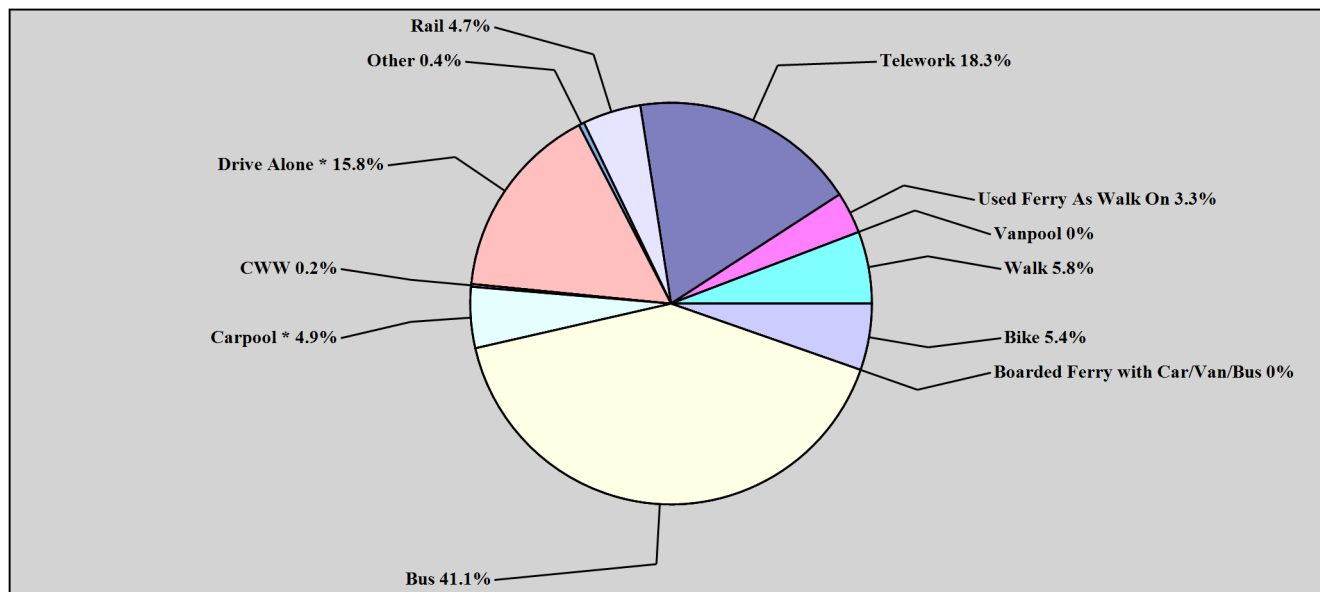
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	84.2%	83.4%	46	77	4.4	2.3	2.5
Target	80.0%				Target:	N/A	
% Point Change Target:	-4.2				% Change Target:	N/A	
% Point Change from Baseline:	0.0				% Change from Baseline:	0.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



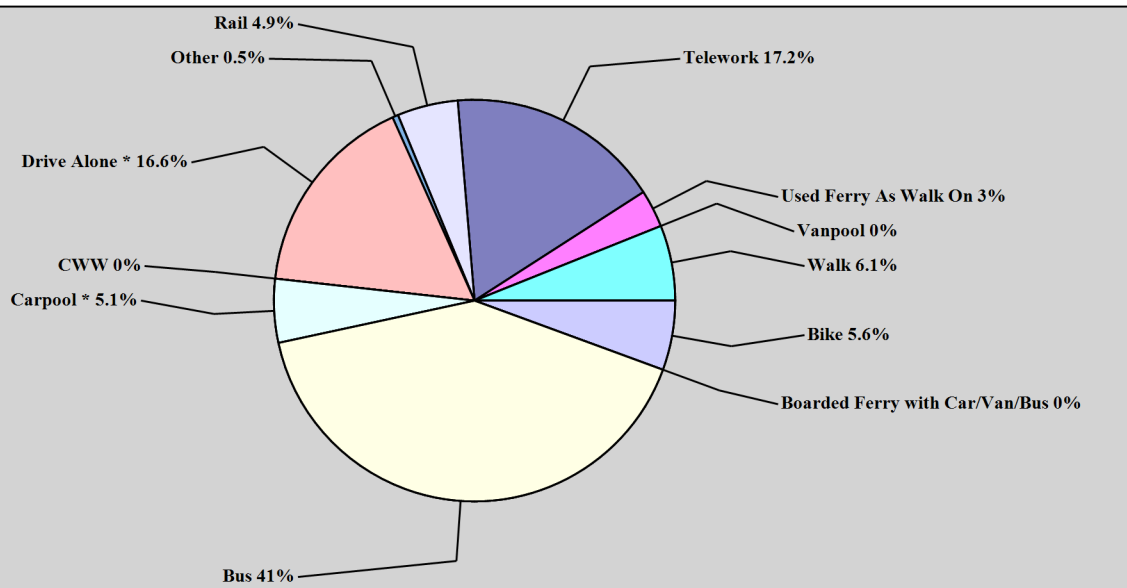
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	71	15.8%	0.0%	24	25.8%	0.0%
Carpool *	22	4.9%	0.0%	8	8.6%	0.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	184	41.1%	0.0%	49	52.7%	0.0%
Rail	21	4.7%	0.0%	7	7.5%	0.0%
Bike	24	5.4%	0.0%	8	8.6%	0.0%
Walk	26	5.8%	0.0%	8	8.6%	0.0%
Telework	82	18.3%	0.0%	36	38.7%	0.0%
CWW	1	0.2%	0.0%	1	1.1%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	15	3.3%	0.0%	4	4.3%	0.0%
Other	2	0.4%	0.0%	2	2.2%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	71	16.6%	0.0%	24	27.3%	0.0%
Carpool *	22	5.1%	0.0%	8	9.1%	0.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	176	41.0%	0.0%	46	52.3%	0.0%
Rail	21	4.9%	0.0%	7	8.0%	0.0%
Bike	24	5.6%	0.0%	8	9.1%	0.0%
Walk	26	6.1%	0.0%	8	9.1%	0.0%
Telework	74	17.2%	0.0%	32	36.4%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	13	3.0%	0.0%	3	3.4%	0.0%
Other	2	0.5%	0.0%	2	2.3%	0.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	11	12%	93	100%
1 Days	1	1%	82	88%
2 Days	5	5%	81	87%
3 Days	6	6%	76	82%
4 Days	6	6%	70	75%
5 Days	60	65%	64	69%
6 or More Days	4	4%	4	4%

Count by Occupancy of Carpools and Vanpools

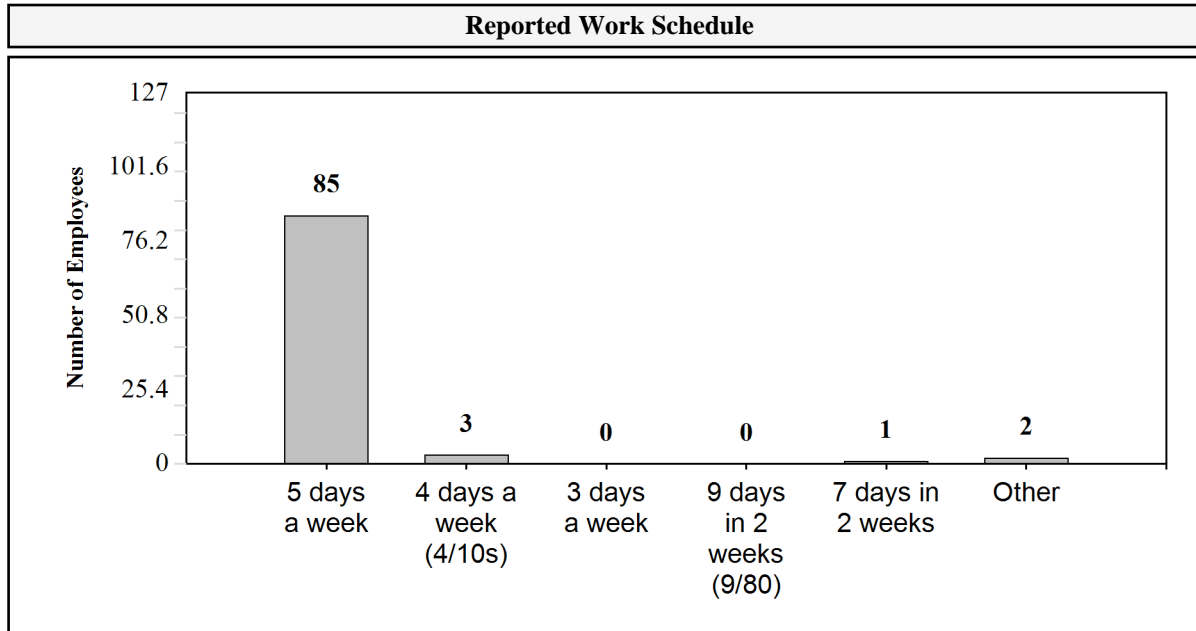
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	22
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

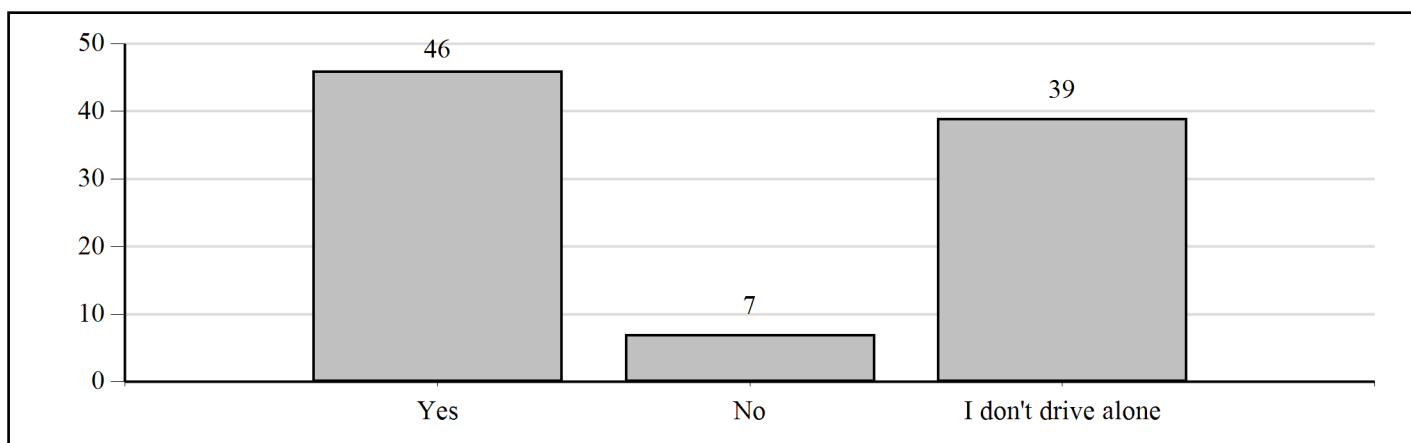
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	85	93.4%
4 days a week (4/10s)	3	3.3%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	1	1.1%
Other	2	2.2%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	3.2%
I don't telework	6	6.5%
Occasionally, on an as-needed basis	22	23.7%
1-2 days/month	22	23.7%
1 day/week	21	22.6%
2 days/week	10	10.8%
3 days/week	9	9.7%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Cost of parking or lack of parking	54	23.2%
To save money	47	20.2%
I have the option of teleworking	35	15.0%
Environmental and community benefits	22	9.4%
To save time using the HOV lane	17	7.3%
Other	15	6.4%
Personal health or well-being	13	5.6%
Driving myself is not an option	10	4.3%
Free or subsidized bus, train, vanpool pass or fare benefit	9	3.9%
Financial incentives for carpooling, bicycling or walking.	7	3.0%
I receive a financial incentive for giving up my parking space	3	1.3%
Emergency ride home is provided	1	0.4%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	36	22.0%
Family care or similar obligations	33	20.1%
I like the convenience of having my car	32	19.5%
Other	28	17.1%
My job requires me to use my car for work	19	11.6%
Bicycling or walking isn't safe	9	5.5%
My commute distance is too short	4	2.4%
I need more information on alternative modes	3	1.8%
There isn't any secure or covered bicycle parking	0	0.0%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98102	5	5.38%	0	0	0	0	11	0	3	8	0	0	0	0	0
98103	5	5.38%	4	0	0	0	20	0	0	0	1	0	0	0	0
98125	5	5.38%	0	0	0	0	15	0	0	0	7	0	0	0	0
98115	4	4.30%	0	5	0	0	9	0	5	0	1	0	0	0	0
98116	4	4.30%	3	0	0	0	3	0	6	0	5	0	0	3	0
98042	3	3.23%	6	0	0	0	0	1	0	0	7	0	0	0	0
98107	3	3.23%	0	1	0	0	11	0	0	0	2	0	0	0	1
98117	3	3.23%	0	5	0	0	10	0	0	0	0	0	0	0	0
98122	3	3.23%	0	1	0	0	5	2	0	6	1	0	0	0	0
98199	3	3.23%	0	0	0	0	4	0	5	0	6	0	0	0	0
98029	2	2.15%	0	3	0	0	4	0	0	0	3	0	0	0	0
98074	2	2.15%	7	0	0	0	2	0	0	0	0	0	0	0	1
98109	2	2.15%	3	0	0	0	0	0	5	0	2	0	0	0	0
98110	2	2.15%	0	0	0	0	0	0	0	0	0	0	0	7	0
98121	2	2.15%	1	0	0	0	1	2	0	8	0	0	0	0	0
98136	2	2.15%	5	0	0	0	2	0	0	0	2	1	0	0	0
98155	2	2.15%	10	0	0	0	0	0	0	0	0	0	0	0	0
98177	2	2.15%	1	0	0	0	7	0	0	0	2	0	0	0	0
98208	2	2.15%	0	0	0	0	5	0	0	0	5	0	0	0	0
98006	1	1.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	1.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98020	1	1.08%	0	5	0	0	0	0	0	0	0	0	0	0	0
98024	1	1.08%	2	0	0	0	2	0	0	0	1	0	0	0	0
98026	1	1.08%	0	0	0	0	6	0	0	0	0	0	0	0	0
98027	1	1.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98028	1	1.08%	1	0	0	0	4	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98031	1	1.08%	0	0	0	0	4	0	0	0	1	0	0	0	0
98032	1	1.08%	1	0	0	0	0	0	0	0	4	0	0	0	0
98033	1	1.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98036	1	1.08%	2	0	0	0	0	0	0	0	3	0	0	0	0
98040	1	1.08%	4	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	1.08%	1	0	0	0	3	0	0	0	0	0	0	0	0
98075	1	1.08%	0	0	0	0	2	0	0	0	3	0	0	0	0
98101	1	1.08%	0	0	0	0	0	0	0	4	1	0	0	0	0
98104	1	1.08%	0	0	0	0	4	1	0	0	0	0	0	0	0
98105	1	1.08%	3	0	0	0	0	0	0	0	0	0	0	0	0
98106	1	1.08%	0	0	0	0	3	0	0	0	2	0	0	0	0
98108	1	1.08%	0	1	0	0	3	0	0	0	1	0	0	0	0
98118	1	1.08%	0	0	0	0	0	5	0	0	0	0	0	0	0
98119	1	1.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98126	1	1.08%	3	0	0	0	0	0	0	0	0	0	0	0	0
98140	1	1.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98144	1	1.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98148	1	1.08%	0	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	1.08%	0	0	0	0	0	5	0	0	0	0	0	0	0
98198	1	1.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98239	1	1.08%	1	0	0	0	0	0	0	0	4	0	0	0	0
98258	1	1.08%	0	0	0	0	3	0	0	0	2	0	0	0	0
98270	1	1.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98275	1	1.08%	3	0	0	0	0	0	0	0	2	0	0	0	0
98337	1	1.08%	0	0	0	0	0	0	0	0	0	0	0	5	0
98354	1	1.08%	0	0	0	0	2	0	0	0	3	0	0	0	0
98372	1	1.08%	0	0	0	0	0	0	0	0	5	0	0	0	0
98391	1	1.08%	0	0	0	0	0	5	0	0	0	0	0	0	0
98418	1	1.08%	0	1	0	0	4	0	0	0	0	0	0	0	0



Weekly Count of Trips By Mode

Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98607	1	1.08%	0	0	0	0	0	0	0	0	6	0	0	0	0